

Cefaclor

Catalog No: **tcsc2134**



Available Sizes

Size: 1g

Size: 5g



Specifications

CAS No:

53994-73-3

Formula:

$C_{15}H_{14}ClN_3O_4S$

Pathway:

Anti-infection

Target:

Bacterial

Purity / Grade:

>98%

Solubility:

DMSO : 18.5 mg/mL (50.30 mM; Need ultrasonic and warming)

Observed Molecular Weight:

367.81

Product Description

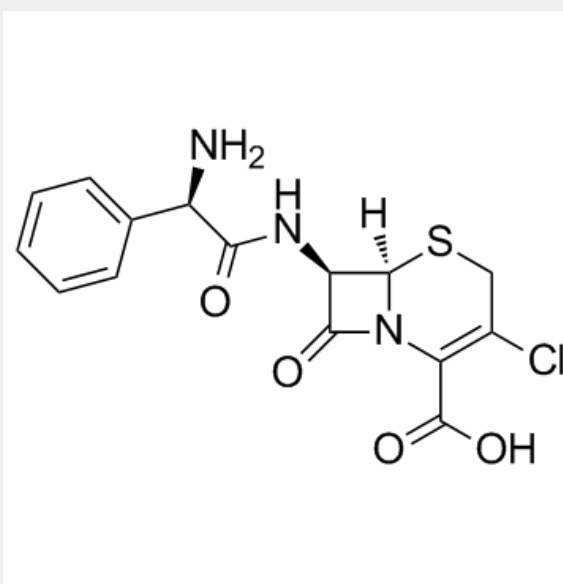
Cefaclor, is a second-generation cephalosporin antibiotic used to treat certain infections caused by bacteria such as pneumonia and infections of the ear, lung, skin, throat, and urinary tract.

Target: Antibacterial

Cefaclor belongs to the family of antibiotics known as the cephalosporins (cefalosporins). The cephalosporins are broad-spectrum

antibiotics that are used for the treatment of septicaemia, pneumonia, meningitis, biliary tract infections, peritonitis, and urinary tract infections. The pharmacology of the cephalosporins is similar to that of the penicillins, excretion being principally renal. Cephalosporins penetrate the cerebrospinal fluid poorly unless the meninges are inflamed; cefotaxime is a more suitable cephalosporin than cefaclor for infections of the central nervous system, e.g. meningitis. Cefaclor is active against many bacteria, including both Gram-negative and Gram-positive organisms.

Cefaclor is frequently used against bacteria responsible for causing skin infections, otitis media, urinary tract infections, and others. The following represents MIC susceptibility data for a few medically significant microorganisms. Cefaclor is passed into the breast milk in small quantities, but is generally accepted to be safe to take during breastfeeding. Cefaclor is not known to be harmful in pregnancy. Cefaclor has also been reported to cause a serum sickness-like reaction in children.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!